

Figure 1

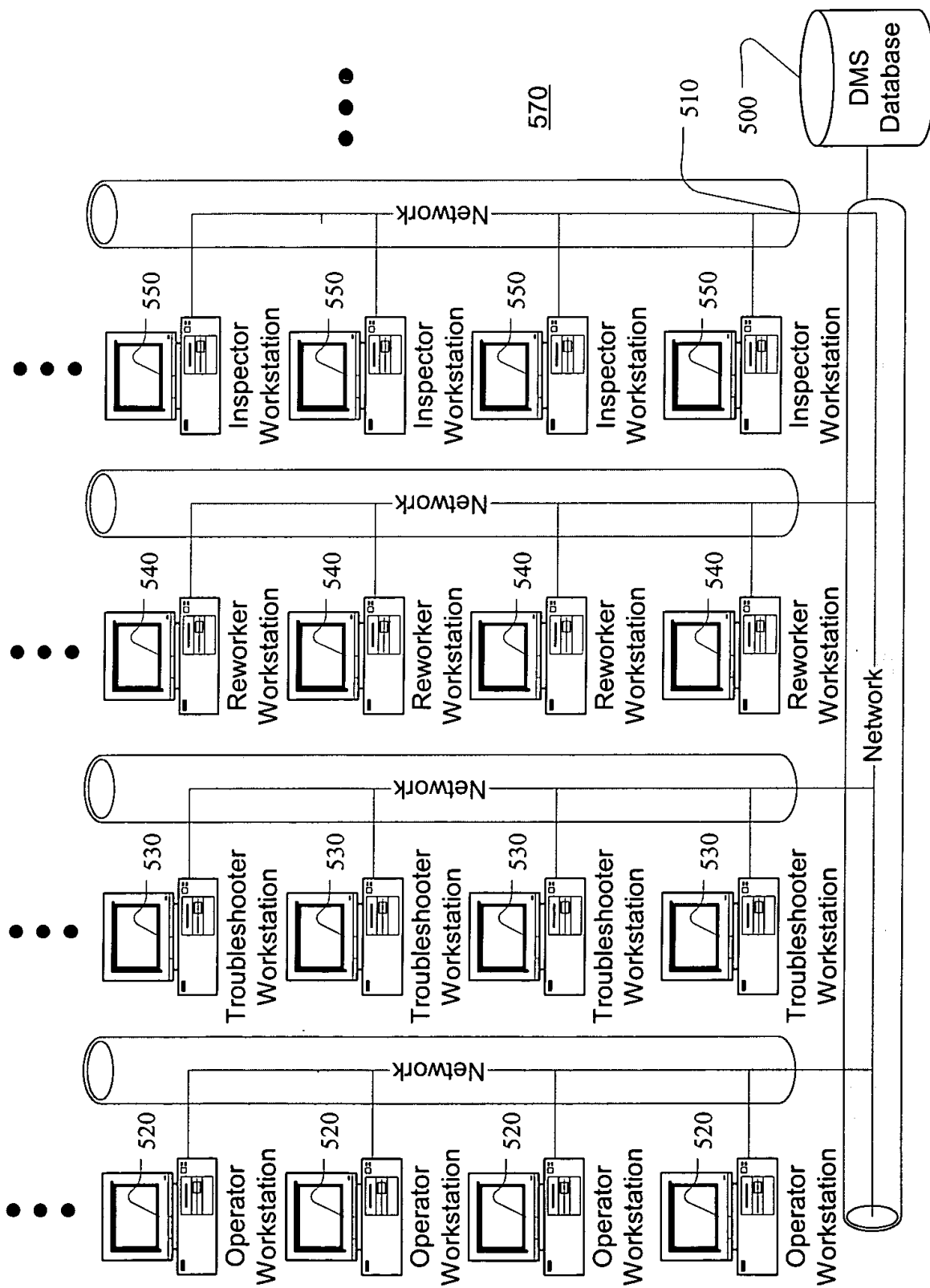


Figure 2

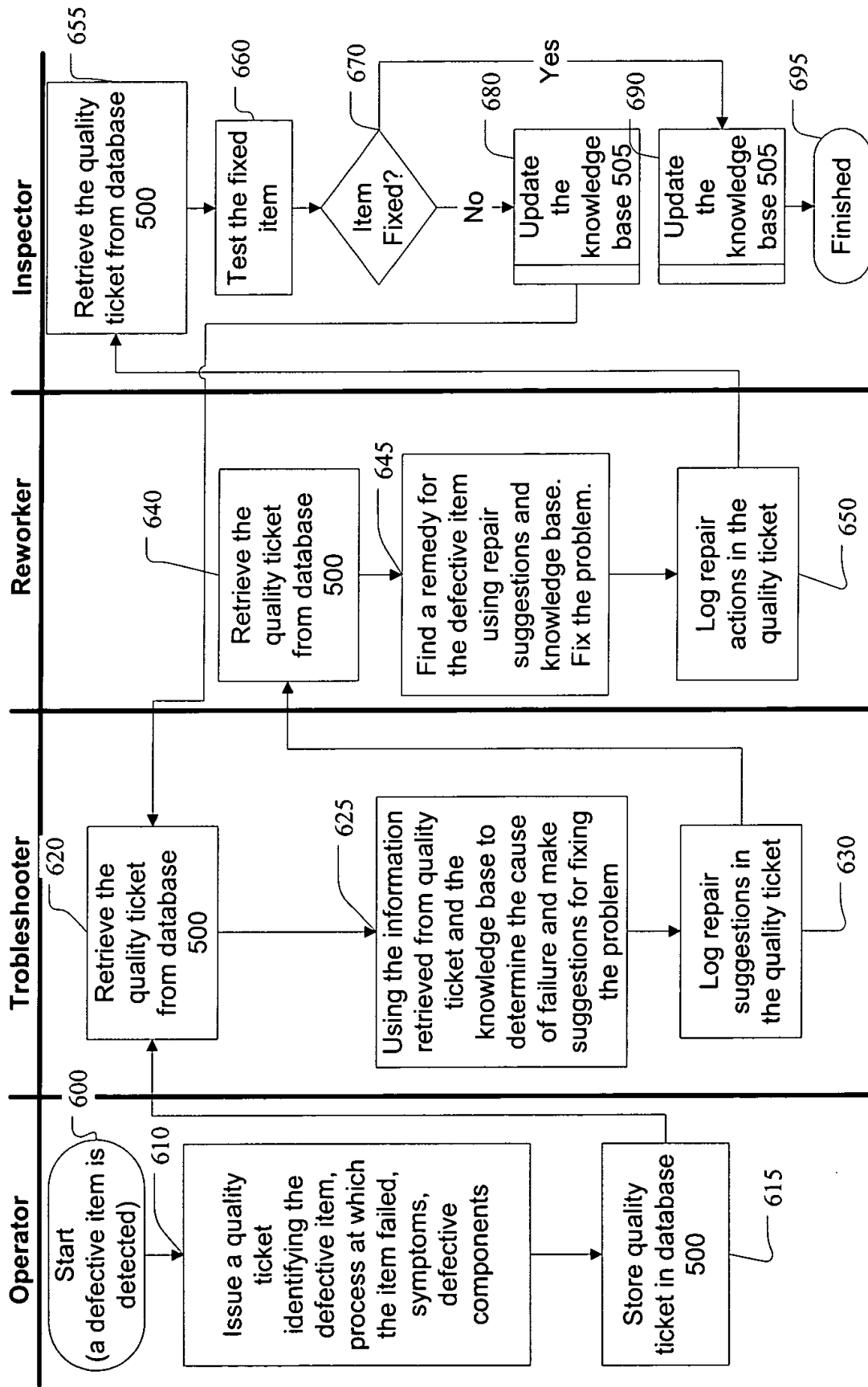
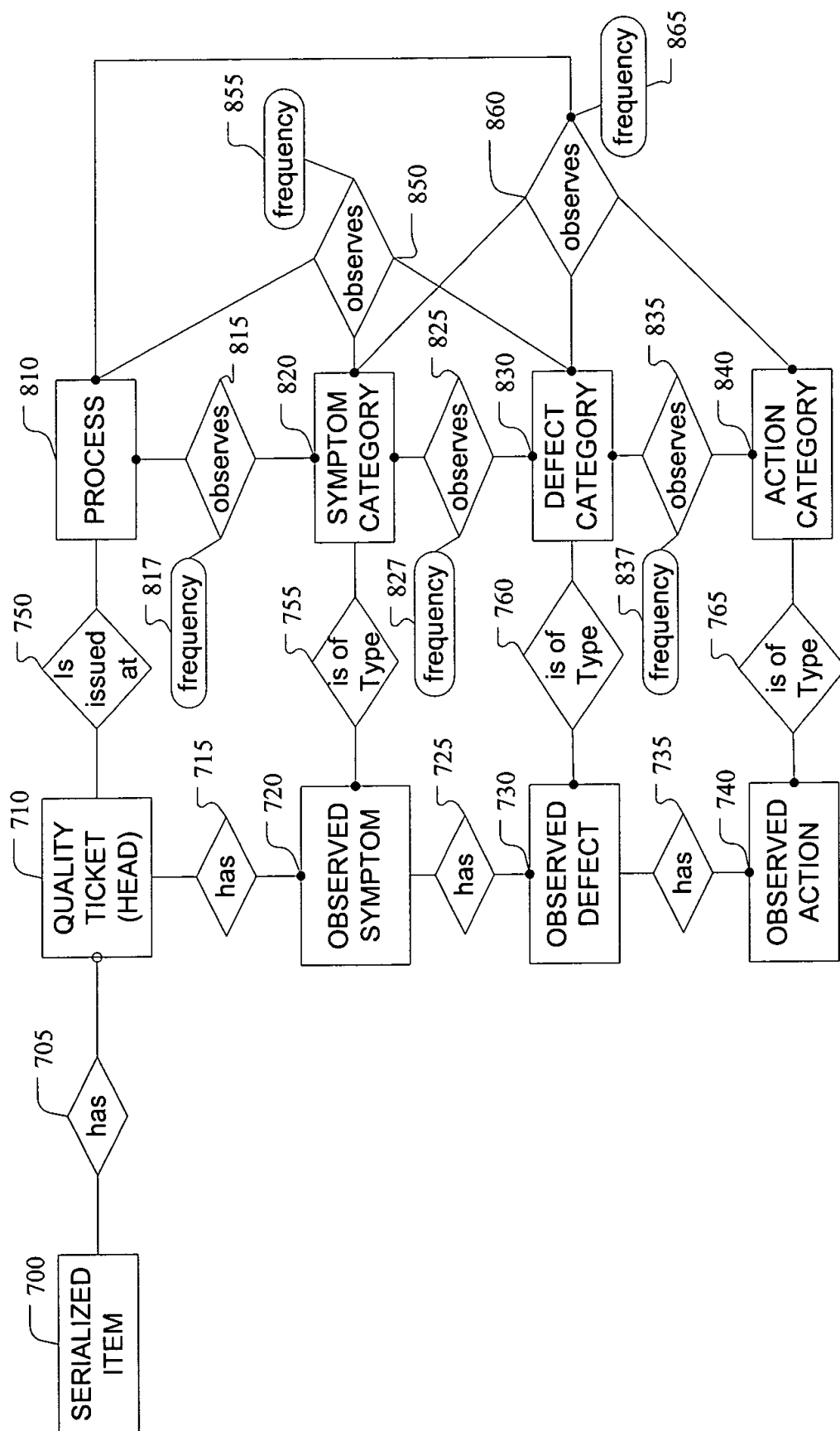


Figure 3



## Figure 4

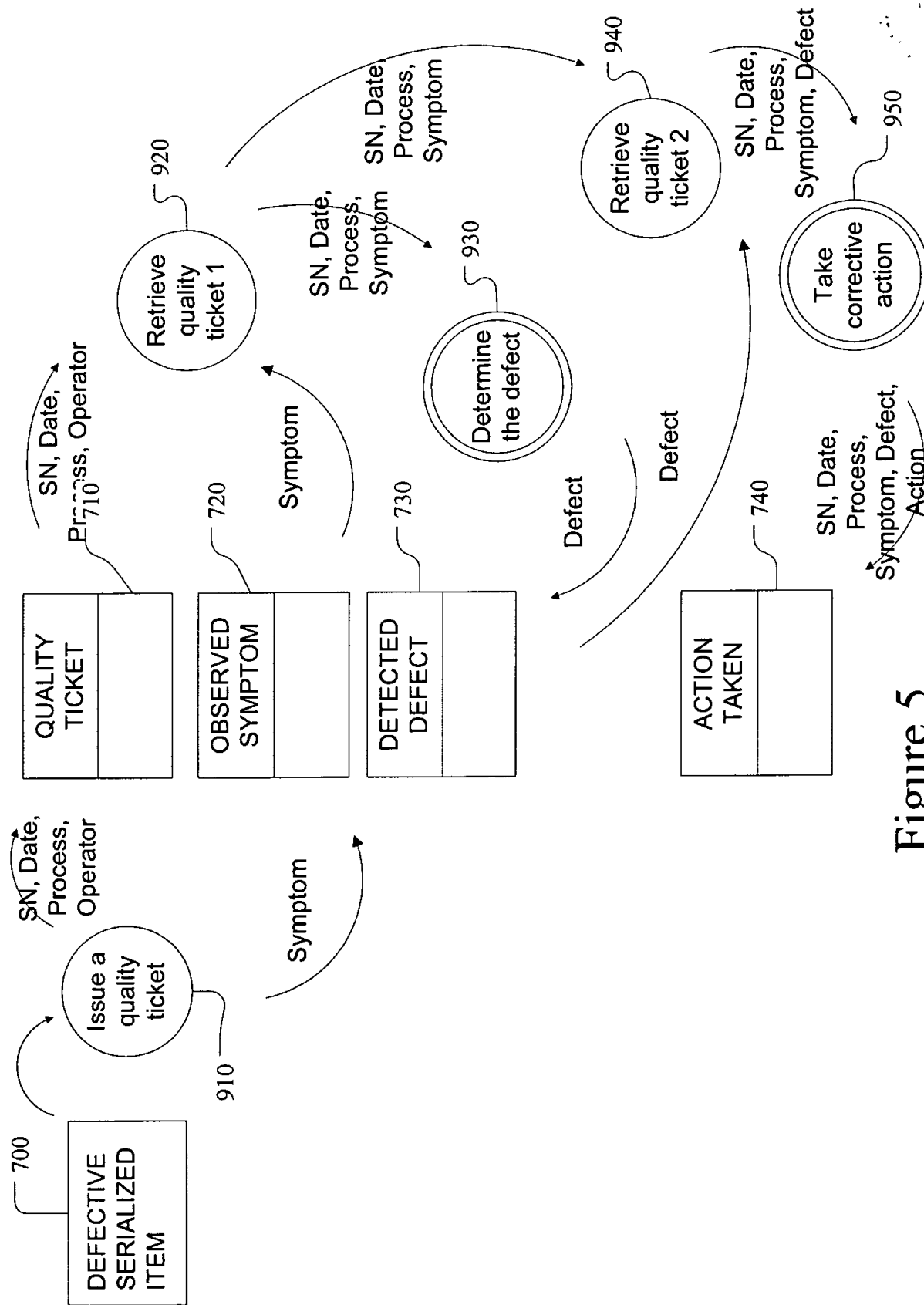


Figure 5

Quality Ticket [V 1.2.2]

Serial Number

Ticket

Module Info

Application

Part Number

Description

Revision

Close Quality Ticket

Area Of Operation

Symptom

Indicated By

Process (Test Stage)

Process Step (Test)

Symptom Category

Symptom

Comment

Quality Ticket Explorer

DCS Support

Current Operator

CENAWIMOLAPRA CENAWIMOLAPRA

Save

Cancel/New

Defect

No Defect

Close

Figure 6a

10

15

20

27

30

35

40

45

5a

60

70

90

75

130

135

Serial Number:  
Ticket:

Look up  
Close Quality Ticket

Serialized Item Factory Data  
Application  
Part Number  
Description  
Revision

Area Of Operation: System Test

Process (Test Stage): CIAO 1  
Process Step (Test): DT

Comment:

Quality Ticket Explorer  
System Test

OCS Support  
CIENA\dmstestuser1, CIENA\dmstestuser1

Save  
Cancel/New

Defect  
No Defect

Close

Figure 6b

Quality Ticket (V 1.2.2)

Serial Number M0000001

Lookup

Get Info

Close Quality Ticket

Module Info

Application Rework (RW)

Part Number 120-0468-900

Description ADIMI DROP (13,14,15,16) 93.7 THRU 194

Revision 0001

50

5

45

30

35

40

25

20

15

10

Symptom

Area Of Operation 10G

Initiated By

Process (Test Stage) 01

Symptom Category N/A

Comment testing

Validation

Module Application Rework (RW)

Justification DHS Ticket

Save

Cancel

75

85

145

Quality Ticket Explorer

OCS Support

Area of Operation: 6

Current Operation: CIENANIMQIARRA, CIENANIMQIARRA

Save

Cancel/New

Defect

No Defect

Close

95

105

140

110

115

120

130

135

Figure 7



T080810" 16642860

Quality Ticket Explorer

11

35

45

56

140

59

210

360

135

52

54

20

40

30

10

Serial Number

M0000001

Lookup

Filter

☒ Both

☐ Opened

☐ Closed

Module Info.

Description

ADM1.DROP1374.15.161193.7THRU194

Part Number

130-0466-900

Revision

001

Application

Rework (RW)

Quality Ticket(s): 101

Serial Number: M0000001

663 [CLOSED]

4:53:00 PM

Test: OET1-Termination BER T

TestStage: OET1 Test

664 [CLOSED]

5:20:00 PM

11:00:00 A

1:23:00 AM

1:25:00 AM

11:45:00 A

4:18:00 PM

5:05:00 PM

5:05:00 PM

5:20:00 PM

5:28:00 PM

5:29:00 PM

5:51:00 PM

2:41:00 PM

2:44:00 PM

2:46:00 PM

2:48:00 PM

2:55:00 PM

2:57:00 PM

Quality Ticket: 663

ON/A -> N/A

Fiber Defects -> Broken Fiber

Fiber -> Remove & Replace

Software Defects -> Wrong Software at Test Station

Visual -> Secure

Action: Visual -> Secure

Operator: Niamkam Kazemi

Time: 5:11:43 PM

Workstation: OCS\_WS01

Comment:

Components:

Feedback: Problem was fixed

Close

Figure 8



0907-0681

Figure 10a

140

70

80

90

50

75

85

7a

Operator:

Process (Test Stage):

Symptom Category:

Comment:

CIENA\dmstestuser1, CIENA\dmstestuser1

OT1 - Rx

1-N/A

Area of Operation:

Process Step (Test):

Symptom:

10G

RX grating test

N/A

Defect

Action

Defect Category:

Components:

Comment:

Defect:

Component

Troubleshooting Guide

Save

To get the detailed information on each defect double click on the corresponding row or click on the Feedback button

Status	Defect Category	Defect	Reference Designator(s)
Not Fixed	Component Defects	Damaged	YERE, EEE
No Action	Component Defects	Damaged	tmdd
No Action	Component Defects	Damaged	GGG, DFDD, DDD
No Action	Component Defects	Damaged	

Feedback

Close

7

System Test

CIENA\dmstestuser1, CIENA\dmstestuser1

Figure 10b

85
70
8
75
295
300

**Defect/Action Information for Quality Ticket:** Ticket#: 416 | SN: M00000002 | PN: 130-0466-300 | Rev: 001

**Quality Ticket**

Symptom Line: T3 Test

Process (Test Stage): Process Step (Test)

Symptom Category: N/A

Symptom: N/A

Comment: Testing/Ignore

Initiated by: CIENAVmrojia, CIENAVmrojia

**Defect**

Action Category: [Dropdown]

Components: [List Box]

Comment: [Text Area]

Resolver: Resolver: CIENAVmrojia, CIENAVmrojia

**Action**

Action: [Text Box]

**Feedback**

Problem was fixed: ☒ Problem was not fixed: ☐

Saves: [Button] Cancel: [Button]

**Defect List and Details**

Defect Category	Defect	Time
Fiber Defects	Broken Fiber	12/20/00 8:45:00 PM

**Area of Operation: 1**

**Current Operator: CIENAVmrojia, CIENAVmrojia**

**Close**

Figure 11a

140

70

80

295

50

75

85

8a

Defect/Action Information for Quality Ticket: Ticket#: 4895 [SN: M0000001; PN: 130-0466-900; Rev: 001]

Operator: CIENA\dmstestuser1

Process (Test Stage): OT1 - Rx

Symptom Category: T-N/A

Comment:

Area of Operation: 10G

Process Step (Test): RX grating test

Symptom: N/A

200

380

305

390

385

Defect

Action

Action Category: Testing2

Components:

Comment:

Testing2 Step

Save

368

To get the detailed information on each defect double click on the corresponding row or click on the Feedback button

315

310

320

335

Status	Defect Category	Defect	Reference Designator(s)
Not Fixed	Component Defects	Damaged	YERE, EEE
No Action	Component Defects	Damaged	tmdd
No Action	Component Defects	Damaged	GGG, DFDD, DDD
No Action	Component Defects	Damaged	

7

System Test

CIENA\dmstestuser1

Feedback

Close

360

350

Figure 11b

70 80 295 75 85

Defect/Action Information for Quality Ticket: 420 [SN: M0000002; PN: 130-0466-900; Rev: 001]

Quality Ticket

Symptom Info

Process (Test Stage)

Symptom Category

Comment

Test Step (Test)

Symptom

Test Step

Inherited by:

Defect

Action Category

Components

Comment

Resolution

Readbacks

Action

Remove & Replace

Defect List and Details

Defect Category	Defect	Test/Defect	Log Defect time
Fiber Defects	Broken Fiber	CIENA Vnm0000002, CIENA Vnm0000002	12/21/00 10:50:00
Component Defects	Damaged	CIENA Vnm0000002, CIENA Vnm0000002	12/21/00 11:56:00
Fiber Defects	Broken Fiber	CIENA Vnm0000002, CIENA Vnm0000002	12/21/00 3:09:00 PM
Software Defects	Wrong Software at Test Station	CIENA Vnm0000002, CIENA Vnm0000002	12/21/00 3:16:00 PM

Testing

U-666

Close

200 380 305 390 360 307 310 320

Figure 12

$\sim 70 \lesssim 80 \lesssim 295$

3.

397 -



335

140

280

285

321

Detailed information for defect: 3305

Troubleshooter:

Defect Category:

RD(s):

Comment:

Kazemi-1, Niakam

Component Defects

YERE, EEE

Defect:

Damaged

380

335

Reworker:

Action Category:

RD(s):

Comment:

Kazemi-1, Niakam

Components

Action:

Cleaned

☒ Problem was not fixed

This box is to provide the system with feedback on whether the problem with the item has been fixed or not. This information is being checked when closing the quality ticket. If the quality ticket contains a defect with no corresponding action showing 'Problem was fixed' the ticket cannot be closed.

☐ Problem was fixed

☒ Problem was not fixed

Save Feedback

Close

364

366

324

350






Figure 14

386

389

388

387

Troubleshooting Guide			   	
The following is a list of the most likely causes for the specified SYMPTOM				
Defect Category	Defect	Frequency		
Component Defects	Defective Component	58		
Testing Defects	Test Error	51		
Component Defects	Damaged	26		
Fiber Defects	Broken Fiber	11		
Connector Defects	Pitted	10		
Solder Defects	Insufficient Solder	8		
Testing Defects	High Insertion loss	6		
Solder Defects	Excessive Solder	5		
Testing Defects	Proof Test Break	5		
Component Defects	Wrong Component	5		
				

350

Figure 15